



Maricopa County

Air Quality Department

AIR QUALITY DEPARTMENT
1001 North Central Avenue
Phoenix, AZ 85004

AIR QUALITY PERMIT

HICKMAN'S FAMILY FARMS
ATTN: GLENN HICKMAN
6515 S. JACKRABBIT TRAIL
BUCKEYE, AZ 85326

Permit Number:	040136	Issue Date:	02/02/2005
Revision:	1.0.1.0 & 0.0.2.0	Expiration Date:	02/28/2015
Revision Date:	06/13/2012	Application ID:	391367 & 390962

Permittee Name:	HICKMAN'S FAMILY FARMS
Owner Address:	6515 S. JACKRABBIT TRAIL, BUCKEYE, AZ 85326
Business Name:	HICKMAN'S EGG RANCH
Business Type:	POULTRY EGG PRODUCTION
Site Address:	32425 W. SALOME HWY, ARLINGTON, AZ 85322

The purpose of the letter is to inform you that the application for a permit revisions has been approved and will be incorporated into Air Quality Permit 040136. The applicable Permit Conditions are enclosed with this letter.

If you have any questions, feel free to contact me at 602-506-7248.

Sincerely,

A handwritten signature in black ink, appearing to read "Todd Martin", written over a horizontal line.

Todd Martin
Non-Title V Unit Supervisor



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COMMON ABBREVIATIONS

Act.....	Federal Clean Air Act
AAAC	Acute Ambient Air Concentration
AAC	Arizona Administrative Code
ADEQ	Arizona Department of Environmental Quality
AIRS	Aerometric Information Retrieval System
ARS.....	Arizona Revised Statutes
AZMACT.....	Arizona Maximum Achievable Control Technology
ASTM	American Society of Testing and Materials
BACT.....	Best Available Control Technology
Btu.....	British thermal unit
CAA	Clean Air Act
CAAC	Chronic Ambient Air Concentration
CAS.....	Chemical Abstract Service
CEMS.....	Continuous emissions monitoring system
CFR.....	Code of Federal Regulations
CO	Carbon Monoxide
dscf.....	Dry standard cubic feet
ECS	Emission Control System
EPA	US Environmental Protection Agency
HAP.....	Hazardous Air Pollutant
ID	Identification number
MACT	Maximum Achievable Control Technology
MCAQD.....	Maricopa County Air Quality Department
NA.....	Not applicable
NAAQS.....	National Ambient Air Quality Standards
NESHAP	National Emission Standards for Hazardous Air Pollutants
NMHC.....	Non-methane hydrocarbon
NO _x	Nitrogen oxides
NSPS	New Source Performance Standards
O ₂	Oxygen
O&M.....	Operation and maintenance
Pb	Lead
PM.....	Particulate matter
PM _{2.5}	Particulate matter less than 2.5 microns in size
PM ₁₀	Particulate matter less than 10 microns in size
ppm	Parts per million
psia.....	pounds per square inch, actual
RACT	Reasonably Available Control Technology
RVP.....	Reid Vapor Pressure
SIP.....	State Implementation Plan
SO ₂	Sulfur dioxide
VE	Visible Emissions
VOC	Volatile Organic Compounds

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Any cited regulatory paragraphs or section numbers refer to the version of the rules and regulations that were in effect on the first date of public notice of the applicable Permit Condition unless specified otherwise. However, in the event the rules and regulations are amended during the term of this Permit, the amended rules and regulations shall apply to this Permit. Whenever the term, Control Officer, is used in this Permit it shall be interpreted to mean, Control Officer or designated representative. Where the term "Rule" appears, it shall be construed to mean "Maricopa County Air Pollution Control Regulations" unless otherwise noted.

SPECIFIC CONDITIONS

Crematory

1. Operating Limits:

The Permittee shall not operate the crematory or connect it to a fuel source without first submitting an application for a permit revision in accordance with Rule 220 §405.2.

[Rule 220 §403.2]

Odor Control

2. Standards:

No person shall emit gaseous or odorous air contaminants from equipment, operations or premises under his control in such quantities or concentrations as to cause air pollution.

[Rule 320 §300]

- a. Material Containment Required: Materials including, but not limited to, solvents or other volatile compounds, paints, acids, alkalies, pesticides, fertilizer and manure shall be processed, stored, used and transported in such a manner and by such means that they will not unreasonably evaporate, leak, escape or be otherwise discharged into the ambient air in such quantities or concentrations as to cause air pollutions smells, aromas or stench commonly recognized as offensive, obnoxious or objectionable to a substantial part of a community. Where means are available to reduce effectively the contribution to air pollution from evaporation, leakage or discharge, the installation and use of such control methods, devices or equipment shall be mandatory.

[Rule 320 §302]

- b. Reasonable Stack Height Required: Where a stack, vent or other outlet is at such a level that air contaminants are discharged to adjoining property, the Control Officer may require the installation of abatement equipment or the alteration of such stack, vent, or other outlet to a degree that will adequately dilute, reduce or eliminate the discharge of air contaminants to adjoining property.

[Rule 320 §303]

- c. Limitation - Hydrogen Sulfide: No person shall emit hydrogen sulfide from any location in such a manner or amount that the concentration of such emissions into the ambient air at any occupied place beyond the premises on which the source is located exceeds 0.03 parts per million by volume for any averaging period of 30 minutes or more.

[Rule 320 §304]

3. Compliance Demonstration:

Within 90 days of either:

- a. The receipt of three (3) odor complaints within any 12-month period; or
- b. The reception of a written request from the Department.

The Permittee shall perform a compliance demonstration by conducting a test to monitor hydrogen sulfide levels.

The compliance demonstration shall be performed at a location representing the nearest occupied place beyond the premises on which the source of hydrogen sulfide is located.

The Permittee shall perform an additional compliance demonstration within six (6) months of completing the initial demonstration. If the average hydrogen sulfide concentration is less than 0.03 ppmv in any of the first two compliance demonstrations, the monitoring shall be subsequently conducted on an annual basis. If the hydrogen sulfide concentration is less than 0.03 ppmv for two consecutive annual compliance demonstrations, compliance demonstrations will no longer be required. If results from any annual compliance demonstration indicate that the hydrogen sulfide concentration is greater than 0.03 ppmv, the Permittee shall return to the semi-annual compliance demonstration schedule.

[Rule 320 §304]

The Permittee shall submit a report within 30 days of completion of each demonstration to the Department, Attn: Compliance Division Manager that details the results of each compliance demonstration.

[Rule 220 §302.4]

4. Compliance Plan:

In the event of an exceedance of hydrogen sulfide, the Permittee shall submit a Compliance Plan to the Compliance Manager of the Maricopa County Air Quality Department for approval. The Compliance Plan shall include:

- a. Technological evaluation of additional odor control alternatives at the plant.
- b. Additional monitoring and/or air dispersion modeling to determine property line concentration of hydrogen sulfide based on the implementation of selected odor control alternatives.
- c. Conceptual design and preliminary cost estimate for the proposed odor control alternatives.
- d. Schedule for design and construction of the proposed control alternatives.
- e. Description of recommended actions.

The Permittee shall complete and submit the Compliance Plan within 120 days of exceeding the hydrogen sulfide emission limitation.

[Rule 220 §303]

Emergency Engines

Permit Conditions 5-11 apply to all stationary emergency engines at the facility.

5. Operational Limitations:

- a. The Permittee shall limit the operation of the emergency engines to no more than 100 hours each per calendar year for the purposes of maintenance checks and readiness testing.

[Rule 324 §§104.5, 205]
- b. The Permittee shall limit the total hours of operation of the emergency engines to no more than 365 hours each per any twelve consecutive months including the 100 hours listed above. The daily trigger of Best Available Control Technology (BACT) has been exempted for the emergency generators.

[Rule 220 §302.2]
- c. The emergency generators shall not be used for peak shaving. The emergency generators shall only be used for the following purposes:
 - i. For power when normal power service fails from the serving utility or if onsite electrical transmission or onsite power generation equipment fails;
 - ii. Reliability-related activities such as engine readiness, calibration, or maintenance or to prevent the occurrence of an unsafe condition during electrical system maintenance as long as the total number of hours of the operation does not exceed 100 hours per calendar year per engine as evidenced by an installed non-resettable hour meter;

[Rule 324 §104; Rule 220 §302.2]

- d. The Permittee may not use any fuel that contains more than 0.015% sulfur by weight, alone or in combination with other fuels.

[Rule 324 §301.1] [40 CFR 60.4207(b)]

6. Monitoring:

The Permittee shall not operate the emergency generators unless its cumulative run time meter is installed and working properly.

[Rule 220 §302.4]

7. Low Sulfur Oil Verification:

If the Control Officer requests proof of the sulfur content of fuel burned in the engines, the Permittee shall submit fuel receipts, contract specifications, pipeline meter tickets, Material Safety Data Sheets (MSDS), fuel supplier information or purchase records, if applicable, from the fuel supplier, indicating the sulfur content of the fuel oil. In lieu of these, testing of the fuel oil for sulfur content to meet the applicable sulfur limit shall be permitted if so desired by the owner or operator for evidence of compliance.

[Rule 220 §302.13]

8. Opacity:

- a. The Permittee shall not discharge into the ambient air from any single source of emissions any air contaminant, other than uncombined water, in excess of 20% opacity.
- b. Opacity shall be determined by observations of visible emissions conducted in accordance with EPA Reference Method 9 as modified by EPA Reference Method 203B.

[Rule 300 §501; Rule 324 §303]

9. New Source Performance Standards:

- a. If the Permittee modifies or reconstructs a stationary compression ignition internal combustion engine after July 11, 2005, that engine shall comply with all applicable requirements of 40 CFR 60 Subpart III.
- b. If the Permittee modifies or reconstructs the propane-fueled engine after June 12, 2006, that engine shall comply with all applicable requirements of 40 CFR 60 Subpart JJJJ.

[40 CFR §§ 60.4200(a)(3), 60.4230(a)(5)]

10. Record Keeping:

The Permittee shall maintain the following records for a period of at least five years from the date of the records and make them available to the Control Officer upon request:

- a. An initial one time entry listing the particular engine combustion type (compression or spark-ignition or rich or lean burn); manufacturer; model designation, rated brake horsepower, serial number and where the engine is located on the site.
- b. Monthly rolling twelve month total of hours of operation, including hours of operation for testing, reliability and maintenance;
- c. Fuel type and sulfur content of fuel; and
- d. An explanation for the use of the engine if it is used as an emergency engine.

[Rule 324 §502]

11. Emergency Provisions:

The Permittee shall comply with all record keeping and reporting requirements of Rule 130 (Emergency Provisions) and Rule 140 (Excess Emissions) if the annual allowable hours of operation are exceeded.

[Rule 130; Rule 140]

Additional Requirements for Engines Subject to MACT ZZZZ:

12. MACT ZZZZ Applicability:

40 CFR 63 Subpart ZZZZ (National Emissions Standards for Hazardous Air Pollutants for Stationary

Reciprocating Internal Combustion Engines) and Conditions 13 through 17 apply to the following stationary engines currently operating at the facility:

Equipment ID	Engine Make	Model	Model Year	Maximum Power
G-1	Cummins	350DFCC	1998	535 HP
G-2	Cummins	230DFAB	1998	380 HP
G-3	Cummins	230DFAB	1998	380 HP
G-4	Cummins	DFAB-4046602	2000	380 HP
G-5	Cummins	230DFAB-1708	2001	380 HP
G-6	Cummins	DFAB-3382056	1999	380 HP
G-7	Cummins	DFAB-5664970	2004	380 HP
G-8	Onan	J040702290	2000	5.5 HP
G-9	Cummins	DFAB-5744265	2005	380 HP

[40 CFR §63.6590]

13. Compliance Dates:

The Permittee shall ensure compliance with all applicable requirements of MACT Subpart ZZZZ (40 CFR §63.6580 - §63.6675) and Permit Conditions 14 through 17 by May 3, 2013.

[40 CFR §63.6595(a)]

14. General Compliance Requirements:

The Permittee shall operate and maintain all engines, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Control Officer which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

[40 CFR §63.6605]

15. Operating Requirements:

The Permittee shall comply with the following requirements:

- a. Change oil and filter or perform an Oil Analysis Program every 500 hours of operation or annually, whichever comes first. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows:

- i. Total Base Number is less than 30 percent of the Total Base Number of the oil when new;
- ii. Viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new;
- iii. Percent water content (by volume) is greater than 0.5.

If none of these limits are exceeded, the Permittee is not required to change the oil. If any of the limits are exceeded, the Permittee must change the oil before continuing to use the engine. The Permittee must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine.

- b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, for each diesel engine.
- c. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first, for the propane engine.
- d. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace

as necessary.

- e. If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the maintenance operations above on the schedule required by this Condition or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under Federal, State, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under Federal, State, or local law has abated. The management practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under Federal, State, or local law has abated. The Permittee shall report any failure to perform the management practice on the schedule required to the Control Officer and the Federal, State or local law under which the risk was deemed unacceptable.

[40 CFR §63.6603(a); Table 2d(4)]

- f. During periods of startup the Permittee shall minimize the engine's time spent at idle during startup and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

[40 CFR §63.6625(h)]

16. Work and Management Practices:

The Permittee shall comply with one of the following work/management practices:

- a. Operate and maintain the emergency engines according to the manufacturer's emission-related operation and maintenance instructions; or
- b. Develop and follow your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

[40 CFR §63.6640(a); Table 6(9)]

17. Recordkeeping and Reporting:

- a. To demonstrate the operating requirements of Condition 15 are being met, the Permittee shall maintain records which must include the following at a minimum:
- i. Oil and filter change dates or oil analysis results and corresponding hours on the hour meter;
- ii. Inspection and replacement dates for air cleaners, spark plugs, hoses, and belts; and
- iii. Records of other emission-related repairs and maintenance performed.
- iv. A copy of the emergency engine manufacturer's written instructions, or procedures developed by the Permittee in accordance with Permit Condition 16.b, shall be kept onsite and made available to MCAQD upon request.

[40 CFR §§ 63.6655(e)(2), 63.6660]

- b. Deviation Reporting:

The Permittee shall report any failure to perform a maintenance operation on the schedule required by Condition 15(a)-(d) and the Federal, State or local law under which the risk was deemed unacceptable. The Report shall be submitted to the Control Officer, Attn: Compliance Division Manager, within 2 working days after the date on which the maintenance operation was required to be performed. A subsequent report shall be submitted to the Control Officer within 2 working days after the required maintenance operation is performed.

[Rule 220 §302.8] [40 CFR §63.6640 (b)]

Additional Requirements for Compression Ignition Engines Subject to NSPS IIII:

18. NSPS IIII Applicability:

40 CFR 60 Subpart IIII (Standards of Performance for Stationary Compression Ignition Internal Combustion Engines) and Conditions 19 and 20 apply to the following stationary engines operating at the facility:

Equipment	Engine Make	Model	Model	Maximum	Emission
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ID			Year	Power	Standard
G-1	Cummins	DFEG-4666167	2010	755 HP	Tier 2
G-10	Cummins	DSHAC-5843535	2007	310 HP	Tier 3
G-11	Cummins	DQDAA-5873218	2007	352 HP	Tier 3
G-12	Detroit - Series 60	SED350FRX4T3 39689	2008	685 HP	Tier 3
G-13	6090HF485 - John Deere	SED250FRJ4T3 39372	2008	422 HP	Tier 3
G-14	6090HF485 - John Deere	SED250FRJ4T3 39372	2008	422 HP	Tier 3
G-15	6068HF285 - John Deere	SED150FRJ4T3 39374	2008	237 HP	Tier 3
G-16	6090HF485 - John Deere	SD150RJ6T3	2008	422 HP	Tier 3
G-17	6090HF485 - John Deere	250RJS6DT3	2010	422 HP	Tier 3
G-18	6090HF485 - John Deere	250RJC6DT3	2010	422 HP	Tier 3
G-19	6090HF485 - John Deere	250RJC6DT3	2010	422 HP	Tier 3
FM-1	Cummins	125DSGAB	2012	324 HP	Tier 3

[40 CFR §§60.4200(a)]

19. NSPS Subpart IIII Emission Standards:

- a. Each generator shall be certified by the engine manufacturer to meet the EPA emission standard specified in Condition 18.

[40 CFR §§60.4205(b), 60.4211(c), 63.6590(c)]

- b. Smoke standards: Exhaust opacity from the generators specified in part (a) of this Permit Condition shall not exceed the following limits:

- i. 15% during the lugging mode; and
- ii. 20% during all other modes.

[Rule 324 §303] [40 CFR §§60.4205(b), 63.6590(c)]

- c. Crankcase emissions: Naturally aspirated engines manufactured after 4/1/06 shall not discharge crankcase emissions into the ambient atmosphere, unless such crankcase emissions are permanently routed into the exhaust and included in all exhaust emission measurements. This provision does not apply to engines using turbochargers, pumps, blowers, or superchargers for air induction.

[40 CFR §§60.4205(b), 63.6590(c)]

20. Operational Limitations:

- a. The Permittee shall operate and maintain each engine according to the manufacturer's written instructions, or procedures developed by the Permittee that are approved by the engine manufacturer, over the entire life of the engine.

[40 CFR §§60.4211(a), 60.4206]

- b. The Permittee shall only change those engine settings that are permitted by the manufacturer.

[40 CFR 60.4211(a)]

- c. The Permittee shall meet the requirements of 40 CFR Part 89 as it applies.

[40 CFR 60.4211(a)]

- d. Fuel Sulfur Content: The Permittee shall use diesel fuel that meets the following requirements:

- i. A minimum cetane index of 40 or a maximum aromatic content of 35 volume percent; and
- ii. Maximum sulfur content of 15 parts per million (ppm).

[40 CFR 60.4207(a,b)] [40 CFR 80.510(a,b)]

Gasoline Storage and Dispensing**21. Allowable Emissions:**

Vapor loss from the source at any point in time shall not exceed 10,000 ppm as methane as measured by an organic vapor analyzer or combustible gas detector.

[Rule 353 §§218, 301]

22. Allowable Throughput:

The Permittee shall limit the delivery of gasoline to the facility to less than 10,000 gallons per month and less than 120,000 gallons per year.

[Rule 220 §302, Rule 353 §305.2]

23. Vapor Loss Control Measures:

No vapor or liquid escapes are allowed through a dispensing tank's outer surfaces, nor from any of the joints where the tank is connected to pipe(s), wires, or other system.

a. VOC Emission Standard:

Tanks and their fittings shall be vapor tight except for the outlet of a pressure/vacuum relief valve on a dispensing tank's vent pipe. Specifically, this means that at a probe tip distance of 1 inch (2.5 cm) from a surface, no vapor escape shall exceed 1/5 of the lower explosive limit. This applies to tanks containing gasoline regardless of whether they are currently being filled, and to caps and other tank fittings.

[Rule 353 §301.1.b]

b. Leakage Limits – Liquid Leaks and Spills:

- i. Gasoline storage and receiving operations shall be leak free. Specifically, no liquid gasoline escape of more than 3 drops per minute is allowed. This includes leaks through the walls of piping, fittings, fill hose(s), and vapor hose(s).
- ii. All open gasoline containers shall be covered with a gasketed seal when not in use.
- iii. There shall be no excess gasoline drainage from the end of a fill hose or a vapor hose. Specifically, not more than 2 teaspoonsful of gasoline shall be lost in the course of a connect or disconnect process.
- iv. Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.

[Rule 353 §301.2] [40 CFR §63.11116]

c. Spill Containment: The entire spill containment system including gaskets shall be kept vapor-tight.

i. The Spill Containment Receptacle:

- 1) The outer surface of the spill containment receptacle shall have no holes or cracks and shall allow no vapors to pass from the dispensing tank through it to the atmosphere.
- 2) Spill containment receptacles shall be kept clean and free of foreign material at all times.

[Rule 353 §301.3.a]

ii. If the spill containment is equipped with a passageway to allow material trapped by the containment system to flow into the interior of the dispensing tank:

- 1) The passageway shall be kept vapor tight at all times, except during the short period when a person opens the passageway to immediately drain material trapped by the containment system into the tank.
- 2) The bottom of the receptacle shall be designed and kept such that no puddles of gasoline are left after draining through the passageway has ceased.

[Rule 353 §301.3.b]

iii. The dispensing tank owner/operator is responsible for assuring that before a delivery vessel leaves the premises after a delivery:

- 1) Any gasoline in the spill containment system and vault shall be cleaned up as expeditiously as practicable and shall be removed prior to delivery trucks leaving the site.

- 2) Any gasoline absorbed onto other materials shall be contained in order to minimize emissions prior to delivery trucks leaving the site.
- 3) Any plunger/stopper assembly is unimpeded and sealing correctly prior to delivery trucks leaving the site.

[Rule 353 §301.3.c] [40 CFR §63.11116]

d. Fill Pipe:

Tanks shall not be equipped with more than one fill pipe.

[Rule 353 §302.3(a)]

- i. The tank shall be equipped with a permanent submerged fill pipe, the end of which is totally submerged when the liquid level is 6 inches from the bottom of the tank;

[Rule 353 §302.1]

- ii. Threads and gaskets shall be kept vapor tight;

[Rule 353 §302.1(a)]

- iii. Fill pipe caps shall have a secure, intact gasket which latches completely and has no structural defects;

[Rule 353 §§302.2(a), 302.2(b)] [40 CFR §63.11116]

- iv. The fill pipe caps may only be removed to measure the gasoline depth in the tank, deliver gasoline, or for testing, maintenance, and inspection of the vapor recovery system;

[Rule 353 §302.2(c)]

- v. Overfill prevention equipment shall be kept vapor tight so that no emissions from the tank can penetrate into the fill-pipe or atmosphere;

[Rule 353 §302.5]

vi. Fill Pipe Obstructions:

- 1) Any type of screen or obstruction in fill-pipe assemblies shall be removed as of November 1, 1999 unless it is approved in writing by the Control Officer or is CARB-certified per Rule 353 §503.4.

- 2) A screen or other obstruction, allowed by Air Pollution Permit or CARB, shall be temporarily removed by the owner/operator of a dispensing tank prior to inspection by the Control Officer to allow measurements pursuant to this rule.

[Rule 353 §302.4]

24. Operating & Inspection Requirements:

The Permittee shall:

- a. Prohibit concurrent delivery of gasoline to a tank with more than 1 fill pipe.

[Rule 353 §302.3(b)]

- b. Inspect spill containment receptacles weekly for cracks, defects, foreign material, and spilled gasoline. Records shall be maintained as specified below.

[Rule 353 §301.3(a)(3)]

- c. External fittings of the fill pipe assembly shall be inspected weekly to assure that the cap, gasket, and piping are intact and are not loose.

[Rule 353 §302.1(b)]

- d. If deliveries are less than weekly, inspection and recording of the inspection at the time of each delivery will be considered an acceptable alternative to the weekly inspection and recordkeeping requirements of the rule.

25. Recordkeeping:

The Permittee shall keep the following records and supporting information no less than five years from the date of such record:

- a. The total amount of gasoline received each month shall be recorded by the end of the following month.
- b. Weekly inspection records of the fill pipe and spill containment shall be recorded by the end of Saturday of the following week.
- c. Records of the last 12 months of gasoline throughput shall be onsite and readily available within 24 hours of a request by the Control Officer.

[Rule 353 §502]

Animal Feed Production Operations

26. Allowable Emissions:

The Permittee shall not allow emissions into the atmosphere in excess of any of the following:

	Daily Emission Limits	Twelve Month Rolling Total Emission Limits
Particulate Matter <10 Micron Diam. (PM ₁₀)	49.00 lbs	9.00 tons
Particulate Matter <2.5 Micron Diam. (PM _{2.5})	27.00 lbs	5.00 tons
Particulate Matter (PM)	121.00 lbs	22.00 tons

Upon the request of the Department, the Permittee shall calculate a daily emission rate by dividing the monthly emissions by the number of days of operation for that month.

The 12-month rolling total emissions shall be calculated monthly within 15 days following the end of each calendar month by summing the emissions over the most recent 12 calendar months. The Permittee shall keep this emission report on-site for inspection or submittal upon request

[Rule 220 §302.2]

27. Opacity

No person shall discharge into the ambient air from any single source of emissions any air contaminant, other than uncombined water, in excess of 20% opacity for a period aggregating more than three minutes in any 60-minute period.

- a. If any non-compliant visible emissions (excluding water vapor) are detected or reported, the Permittee shall determine the cause and/or the source of emissions. The Permittee shall then take immediate corrective action(s) and if necessary, shut down the applicable equipment. If visible emissions (excluding water vapor) exceed the above opacity standards subsequent to implementing corrective action(s), the Permittee shall shut down the applicable equipment and institute repairs or changes necessary to ensure compliance prior to resuming operations.
- b. Opacity shall be determined by observations of visible emissions conducted in accordance with EPA Reference Method 9 as modified by EPA Reference Method 203B.

[Rule 300 §§301, 501]

28. Allowable Production Rate:

The Permittee shall limit feed production to no more than 20 tons per month and 240 tons per 12 consecutive-month period.

[Rule 220 §302.2]

29. Emission Limitation:

No Permittee shall discharge or cause or allow the discharge of particulate matter emissions into the ambient air from any affected operation in excess of the allowable hourly emission rate determined by the following equations:

- a. Determination of the allowable hourly emission rates (E) shall be accomplished by the use of the equation:

$$E = 17.31 P^{0.16}$$

Where:

E = Emissions in pounds per hour, and

P = Process weight rate in tons per hour.

- b. The total process weight from all similar operations at a facility, plant or premises shall be used for determining the maximum allowable emissions of particulate matter.

[Rule 311 §§301, 302]

30. Emission Control System:

The corn grinder(s) and feed mixer(s) shall be self-contained and not vented to the atmosphere during operation.

[Rule 311 §304; Rule 220 §302.2]

31. Record Keeping:

The Permittee shall keep the following records on site and available upon request. The records shall be retained for 5 years.

These records shall be updated each day of operation and include at a minimum the following information: a record of the total weight of all process materials including raw materials, additives, fuels, etc., which are put into a process flow at the beginning of each batch process shall be kept on site. This shall include all materials which participate in the process and are changed in mass, form, state or in other characteristics by means of their interaction in the given process. The duration of each separate batch process shall also be recorded.

- a. Batch process records: Maintain a record of the total weight of all process materials including raw materials, additives, and fuels which are put into a process flow at the beginning of each batch process shall be kept. This shall include all materials which participate in the process and are changed in mass, form, state or in other characteristics by means of their interaction in the given process. The duration of each separate batch process shall also be recorded.
- b. Continuous or semi-continuous process records: Maintain a daily record of the weight of all process material entering into each process including raw materials, additives, fuels, the start time and the duration of each process run. In addition to the foregoing, records shall be kept for processes which run continuously for more than 24 hours. Such records shall include the total weight of any material entering into the process over the entire duration of the process run from start up to shut down and the total elapsed time of operation.

[Rule 311 §§502 and 503]

GENERAL CONDITIONS:

32. Permits:

- a. POSTING AND TERM OF PERMIT:

- i. This Permit shall be valid on the issue date, shall remain in effect for no more than five years from the issue date and shall supersede all such prior permits issued to the Permittee. This Permit shall be posted in a clearly visible and accessible location on the site where the equipment is installed.

[Rule 220 §§302.1, 402; Rule 200 §312] [SIP Rule 220 §406.3]

- ii. Any approved Dust Control Plan or Dust Control Permit required by Rule 310 shall be posted in a conspicuous location at the work site, within on-site equipment, or in an on-site vehicle, or shall otherwise be kept available on site at all times.

[Rule 310 §409] [SIP Rule 310 §401]

- iii. The Permittee shall post all notices pursuant to Rule 220 §407.5. The posting shall be prominently placed at a location under the applicant's legal control, adjacent to the nearest public roadway, and visible to the public using the public roadway.

[Rule 220 §407.5][Locally Enforceable Only]

- b. BASIC: This Permit may be revised, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a permit revision, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any Permit Condition.

[Rule 220 §302.11] [Locally Enforceable Only]

c. PERMITS AND PERMIT CHANGES, AMENDMENTS AND REVISIONS:

- i. The Permittee shall comply with the Administrative Requirements of Section 400 of Rule 220 for all changes, amendments and revisions at the facility for any source subject to regulation under Rule 200, shall comply with all required time frames, and shall obtain any required preapproval from the Control Officer before making changes. All applications shall be filed in the manner and form prescribed by the Control Officer. The application shall contain all the information necessary to enable the Control Officer to make the determination to grant or to deny a permit or permit revision including information listed in Rule 200 §309 and Rule 220 §302.

[Rule 200 §§301, 309; Rule 220 §§301, 400] [SIP Rule 220]

- ii. While processing an application, the Control Officer may require the applicant to provide additional information and may set a deadline for a response.

[Rule 220 §301.4(e)] [SIP Rule 220]

- d. PROHIBITION ON PERMIT MODIFICATION: The Permittee shall not willfully deface, alter, forge, counterfeit, or falsify this permit.

[Rule 200 §311][Locally Enforceable Only]

e. RENEWAL:

- i. The Permittee shall submit an application for the renewal of this Permit in a timely and complete manner. The Permittee shall file all permit applications in the manner and form prescribed by the Control Officer. For purposes of permit renewal, a timely application is one that is submitted at least six months, but not more than 18 months, prior to the date of permit expiration. A complete application shall contain all of the information required by the Rules including Rule 200 §309 and Rule 220 §§301 & 302.

[Rule 200 §309; Rule 220 §§301, 302][Locally Enforceable Only]

- ii. If the Permittee submits a timely and complete application for a permit renewal, but the Control Officer has failed to issue or deny the renewal permit before the end of the term of the previous permit, then the permit shall not expire until the renewal permit has been issued or denied. This protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit, by the deadline specified in writing by the Control Officer, any additional information identified as being needed to process the application.

[Rule 200 §403.2; Rule 220 §301] [Locally Enforceable Only]

- f. REVISION / REOPENING / REVOCATION: This permit shall be reopened and revised under any of the following circumstances:

- i. The Control Officer or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
- ii. The Control Officer or the Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

[Rule 200 §402][Locally Enforceable Only]

g. REQUIREMENTS FOR A PERMIT:

- i. No source may operate after the time that it is required to submit a timely and complete application except as noted in Sections 403 and 405 of Rule 220. Permit expiration terminates the Permittee's right to operate. However, if a source submits a timely and complete application, as defined in Rule 220 §301.3, for permit issuance or renewal, the source's failure to have a permit is not a

violation of the County Rules until the Control Officer takes final action on the application. The Source's ability to operate without a permit as set forth in this paragraph shall be in effect from the date the application is determined to be complete until the final permit is issued. This protection shall cease to apply if, subsequent to the completeness determination, the applicant fails to submit, by the deadline specified in writing by the Control Officer, any additional information identified as being needed to process the application.

[Rule 220 §301.7] [SIP Rule 220]

- ii. If the Permittee engages in or allows any routine dust generating activities at the facility, the Permittee shall apply to have the routine dust generating activity covered as part of this Permit. Nonroutine activities, such as construction and revegetation, require a separate Dust Control Permit that must be obtained from the Control Officer before the activity may begin.

- 1) The Permittee shall not commence any routine dust-generating operation that disturbs a surface area of 0.10 acre or greater without first submitting a Dust Control Plan to the Control Officer.

[Rule 310 §§302.3, 402.1] [SIP Rule 310 §303.1]

- 2) The Permittee shall request a Dust Control Plan revision with a submittal in the manner and form prescribed by the Control Officer if:

- a) The acreage of a project changes;
 - b) The permit holder changes;
 - c) The name(s), address(es), or phone numbers of person(s) responsible for the submittal and implementation of the Dust Control Plan and responsible for the dust-generating operation change; and
 - d) If the activities related to the purposes for which the Dust Control permit was obtained change.

[Rule 310 §403.2] [SIP Rule 310 §305]

- h. RIGHTS AND PRIVILEGES: This Permit does not convey any property rights nor exclusive privilege of any sort.

[Rule 220 §302.12] [Locally Enforceable Only]

- i. SEVERABILITY: The rules, paragraphs, clauses, provisions, and/or sections of this Permit are severable, and, if any rule, paragraph, clause, provision, and/or section of this Permit is held invalid, the remainder of this Permit shall not be affected thereby.

[Rule 220 §302.9] [SIP Rule 80]

- j. SCOPE: The issuance of any permit or permit revision shall not relieve the Permittee from compliance with any Federal laws, Arizona laws, or the County or SIP Rules, nor does any other law, regulation or permit relieve the Permittee from obtaining a permit or permit revision required under the County Rules.

[Rule 200 §309; Rule 220 §406.3] [Locally Enforceable Only]

- k. TRANSFER: Except as provided in ARS §49-429 and Rule 200 §404.2, this permit may be transferred to another person if the Permittee complies with the permit transfer requirements of Rule 200 §404 and the administrative permit amendment procedures pursuant to Rule 220 §405.1. The new permit holder (Permittee) shall abide by all requirements of the Permit at all times.

[Rule 200 §404] [Locally enforceable only]

33. Certification of Truth, Accuracy and Completeness:

Any application form, report, or compliance certification submitted under County or Federal Rules or these Permit Conditions shall contain certification by a responsible official of truth, accuracy, and completeness of the application form or report as of the time of submittal. This certification and any other certification required under County or Federal Rules or these Permit Conditions shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and

complete.

[Rule 100 §§200.97 and 401; Rule 220 §§302.14] [Locally enforceable only]

34. Duty to Supplement or Correct Application:

If the Permittee fails to submit any relevant facts or has submitted incorrect information in a permit application, the Permittee shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information. In addition, the Permittee shall provide additional information as necessary to address any requirements that become applicable to the source after the date it filed a complete application but prior to release of a proposed permit. Willful misrepresentation of facts in a permit application is cause for revocation or denial of a permit.

[Rule 220 §§301.5, 301.6] [Locally enforceable only]

35. Air Pollution Prohibited:

- a. The Permittee shall not discharge from any source whatever into the atmosphere regulated air pollutants which exceed in quantity or concentration that specified and allowed in the County or SIP Rules, the Arizona Administrative Code (AAC) or the Arizona Revised Statutes (ARS), or which cause damage to property or unreasonably interfere with the comfortable enjoyment of life or property of a substantial part of a community, or obscure visibility, or which in any way degrade the quality of the ambient air below the standards established by the Maricopa County Board of Supervisors or the Director of the Arizona Department of Environmental Quality (ADEQ).
- b. No person shall discharge from any source whatever into the atmosphere regulated air pollutants so as to create or maintain a nuisance.

[Rule 100 §301] [SIP Rule 3] [A.R.S. §49-141]

36. Circumvention:

The Permittee shall not build, erect, install, or use any article, machine, equipment, condition, or any contrivance, the use of which, without resulting in a reduction in the total release of regulated air pollutants to the atmosphere, conceals or dilutes an emission which would otherwise constitute a violation of this Permit or any Rule or any emission limitation or standard. The Permittee shall not circumvent the requirements concerning dilution of regulated air pollutants by using more emission openings than is considered normal practice by the industry or activity in question.

[Rule 100 §104] [Locally enforceable only]

37. Compliance:

- a. The Permittee shall comply with all conditions of this Permit including all applicable requirements of Federal laws, Arizona laws, and Maricopa County Air Pollution Control Rules and Regulations now in effect and as amended in the future.
- b. Any permit noncompliance is grounds for enforcement action, permit termination or revocation, or denial of a renewal application. In addition, non-compliance with any federally enforceable requirements constitutes a violation of the Clean Air Act.
- c. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with these Permit Conditions.

[Rule 220 §302.10, 11] [A.A.C. R18-2-306.A.8.a, b] [Locally enforceable only]

38. Monitoring and Testing:

- a. **MONITORING REQUIRED:** The Permittee shall monitor, sample, or perform other studies to quantify emissions of regulated air pollutants or levels of air pollution that may reasonably be attributable to the facility if required to do so by the Control Officer, either by Permit or by order in accordance with Rule 200 §310.

[Rule 200 §310] [SIP Rule 41]

- b. **TESTING REQUIRED:** Except as otherwise specified in these Permit Conditions or by the Control Officer, the Permittee shall conduct required testing used to determine compliance with standards or permit conditions established pursuant to the County or SIP Rules or these Permit Conditions in

accordance with Rule 270 and the applicable testing procedures contained in the Arizona Testing Manual for Air Pollutant Emissions or other approved USEPA test methods.

[Rule 200 §408; Rule 220 §302.6; Rule 270 §§300, 400] [SIP Rule 27]

39. Recordkeeping:

- a. RECORDS REQUIRED: The Permittee shall maintain records of all emissions testing and monitoring, records detailing all malfunctions which may cause any applicable emission limitation to be exceeded, records detailing the implementation of approved control plans and compliance schedules, records required as a condition of any permit, records of materials used or produced and any other records relating to the emission of air contaminants which may be requested by the Control Officer.
[Rule 100 §501] [SIP Rule 40.A]
- b. RETENTION OF RECORDS: Unless a different time frame is specified by the Rules or these Permit Conditions, the Permittee shall retain information and records required by either the Control Officer or these Permit Conditions as well as copies of summarizing reports recorded by the Permittee and submitted to the Control Officer for 5 years after the date on which the pertinent report is submitted.
[Rule 100 §504]
- c. MONITORING RECORDS: The Permittee shall retain records of all required monitoring data and support information for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings or physical records for continuous monitoring instrumentation, and copies of all reports required by the permit. Records of any monitoring required by this Permit shall include the following:
 - i. The date, place as defined in the permit, and time of sampling or measurements;
 - ii. The date(s) analyses were performed;
 - iii. The company or entity that performed the analyses;
 - iv. The analytical techniques or methods used;
 - v. The results of such analyses; and
 - vi. The operating conditions as existing at the time of sampling or measurement.

[Rule 220 §§302.5, 302.7] [Locally Enforceable Only]

40. Reporting:

- a. ANNUAL EMISSION REPORT: Upon request of the Control Officer and as directed by the Control Officer, the Permittee shall complete and shall submit to the Control Officer an annual emissions inventory report. The report is due by April 30 or 90 days after the Control Officer makes the inventory forms available, whichever occurs later. The annual emissions inventory report shall be in the format provided by the Control Officer. The Control Officer may require submittal of supplemental emissions inventory information forms for air contaminants under ARS §49-476.01, and ARS §49-480.03.
[Rule 100 §505] [SIP Rule 40]
- b. The Permittee shall submit required monitoring reports at least annually. Upon request, such reporting requirements shall require prompt reporting of deviations from permit requirements, including those deviations attributable to upset conditions. Reports of deviations shall include the probable cause of the deviations and any corrective actions or preventative measures taken. For the purposes of this condition, reporting shall be considered prompt when such reporting is made in accordance with Rule 130.
[Rule 220 §302.8] [Locally Enforceable Only]
- c. OTHER REPORTING: The Permittee shall furnish information that the Control Officer may request in writing to determine whether cause exists for revising, revoking and reissuing this permit, or terminating this permit, or to determine compliance with this permit. The information shall be provided in a timeframe specified by the Control Officer. Upon request, the Permittee shall also furnish to the Control Officer copies of records required to be kept by this Permit. For information claimed to be

confidential, the Permittee shall furnish a copy of such records directly to the Administrator along with a claim of confidentiality.

[Rule 220 §302.13] [SIP Rule 40]

- d. GREENHOUSE GAS REPORTING: The Permittee shall comply with 40 CFR Part 98, Mandatory Greenhouse Gas Reporting, and all subparts as applicable.

[40 CFR 98]

41. Malfunctions, Emergency Upsets, and Excess Emissions:

- a. Emergencies, malfunctions, and other excess emissions shall be reported as required by Rule 100 §500 and Rule 140 §500.
- b. An affirmative defense of an emergency, excess emission, and/or during startup and shutdown shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence as outlined in Rule 130 for emergencies and Rule 140 for excess emissions.

[Rule 100 §§400, 500; Rule 130 §§201, 400; Rule 140 §§400, 500] [SIP Rule 140]

42. Emergency Episodes:

If an air pollution alert, warning, or emergency has been declared, the Permittee shall comply with any applicable requirements of Rule 600 §302.

[Rule 600 §302] [SIP Rule 600 §302]

43. Right to Entry:

The Control Officer during reasonable hours, for the purpose of enforcing and administering County or SIP Rules or the Clean Air Act, or any provision of the Arizona Revised Statutes relating to the emission or control prescribed pursuant thereto, may enter every building, premises, or other place, except the interior of structures used as private residences. Every person is guilty of a petty offense under ARS 49-488 who in any way denies, obstructs or hampers such entrance or inspection that is lawfully authorized by warrant.

- a. The Permittee shall allow the Control Officer or his designated representatives, upon presentation of proper credentials (e.g., Maricopa County Air Quality Department identification) and other documents as may be required by law, to:
- Enter upon the Permittee's premises where a source is located or emissions-related activity is conducted, or where records are required to be kept pursuant to the conditions of the permit;
 - Have access to and copy, at reasonable times, any records that are required to be kept pursuant to the conditions of the permit;
 - Inspect, at reasonable times, any sources, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required pursuant to this permit;
 - Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or other applicable requirements; and
 - To record any inspection by use of written, electronic, magnetic, and photographic media.

[Rule 100 §105; Rule 220 §302.17-21] [SIP Rule 43]

44. Confidentiality Claims:

Any records, reports or information obtained from the Permittee under the County Rules or this Permit shall be available to the public, unless the Permittee files a claim of confidentiality in accordance with ARS 49-487(c) that:

- Precisely identifies the information in the permit(s), records, or reports that is considered confidential, and
- Provides sufficient supporting information to allow the Control Officer to evaluate whether such information satisfies the requirements related to trade secrets.

A claim of confidentiality shall not excuse the Permittee from providing any and all information required or requested by the Control Officer and shall not be a defense for failure to provide such information.

[Rule 100 §§200.110, 402; Rule 200 §411] [40 CFR 2.203]

45. Fees:

The Permittee shall pay an annual fee for this Permit as determined by the Control Officer in accordance with Rule 280. Permit Fees: A fee shall be charged for each facility. Upon full payment and receipt of permit fees, the Control Officer shall issue the final permit. No permit is valid until the applicable permit fee has been received and until the permit is issued by the Control Officer.

[Rule 200 §409; Rule 280 §302] [SIP Rule 28] [ARS 49-480(D)]

Equipment List

HICKMANS EGG RANCH

Permit Number 040136

Date Issued: 02/02/05

Revision: 1.0.1.1

Equipment Description	Rated Capacity	Quantity Exist/Future
EMERGENCY GENERATORS		
1. EMERGENCY GENERATOR - G-1, DIESEL, ENGINE: CUMMINS 350DFCC, 350 KW, 1998	535.00 HP	1 /
2. EMERGENCY GENERATOR - G-1, DIESEL, ENGINE: CUMMINS 350DFEG-4666167, 350 KW, 2010	755.00 HP	1 /
3. EMERGENCY GENERATOR - G-2, G-3; DIESEL, ENGINE: CUMMINS 230DFAB, 230 KW, 1998	380.00 HP	2 /
4. EMERGENCY GENERATOR - G-4, DIESEL, ENGINE: CUMMINS 230DFAB-4046602, 230 KW, 2000	380.00 HP	1 /
5. EMERGENCY GENERATOR - G-5, DIESEL, ENGINE: CUMMINS 230DFAB-1708, 230 KW, 2001	380.00 HP	1 /
6. EMERGENCY GENERATOR - G-6, DIESEL, ENGINE: CUMMINS 230DFAB-3382056, 230 KW, 1999	380.00 HP	1 /
7. EMERGENCY GENERATOR - G-7, DIESEL, ENGINE: CUMMINS 230DFAB-5664970, 230 KW, 2004	380.00 HP	1 /
8. EMERGENCY GENERATOR - G-8, PROPANE, ONAN J040702290, 2000	5.50 KW	1 /
9. EMERGENCY GENERATOR - G-9, DIESEL, ENGINE: CUMMINS 230DFAB-5744265, 230 KW, 2005	380.00 HP	1 /
10. EMERGENCY GENERATOR - G-10, DIESEL, ENGINE: CUMMINS DSHAC-5843535, 200 KW, 2007	310.00 HP	1 /
11. EMERGENCY GENERATOR - G-11, DIESEL, ENGINE: CUMMINS DQDAA-5873218, 250 KW, 2007	352.00 HP	1 /
12. EMERGENCY GENERATOR - G-12, DIESEL, ENGINE: DETROIT SED350FRX4T3 39689, 350 KW, 2008	685.00 HP	1 /
13. EMERGENCY GENERATOR - G-13, G-14; DIESEL, ENGINE: JOHN DEER SED250FRJ4T3 39372, 250 KW, 2008	422.00 HP	2 /
14. EMERGENCY GENERATOR - G-15 DIESEL, ENGINE: JOHN DEER SED150FRJ4T3 39374, 150 KW, 2008	237.00 HP	1 /
15. EMERGENCY GENERATOR - G-16, DIESEL, ENGINE: JOHN DEER SD150RJ6T3, 250 KW, 2008	422.00 HP	1 /
16. EMERGENCY GENERATOR - G-17, G-18, G-19; DIESEL, ENGINE: JOHN DEER 250RJS6DT3, 250 KW, 2010	422.00 HP	3 /
17. EMERGENCY GENERATOR - FM-1, DIESEL, CUMMINS 125DSGAB, 125 KW, PLANNED INSTALLATION 2012	324.00 HP	0 / 1
GRAIN RECEIVING & STORAGE FACILITY		
1. BUCKET ELEVATOR - RECEIVING/RECLAIM, SCHLAGEL EQUIPMENT	700.00 TON(S)/HR	2 /
2. CONVEYOR - TRUCK & RAIL RECEIVING, DRAG CONVEYORS, TRUCK AND RAIL RECEIVING, SCHLAGEL EQUIPMENT	700.00 TON(S)/HR	3 /
3. CONVEYOR - BELT CONVEYORS, RECEIVING TRANSFER AND BIN FILL, SCHLAGEL EQUIPMENT	1,400.00 TON(S)/HR	3 /
4. CONVEYOR - BELT CONVEYOR, BIN RECLAIM, SCHLAGEL EQUIPMENT	700.00 TON(S)/HR	1 /
5. EQUIPMENT - DISTRIBUTER/SWING SET, SCHLAGEL EQUIPMENT	700.00 TON(S)/HR	1 /
6. BIN - 90', CORN STORAGE, CHIEF INDUSTRIES	14,420.00 TON(S)	2 / 1
7. HOPPER - 27', CORN STORAGE	700.00 TON(S)	2 /
FEED MILL BUILDING		

Equipment List

HICKMANS EGG RANCH

Permit Number 040136

Equipment Description	Rated Capacity	Quantity Exist/Future
1. BUCKET ELEVATOR - RECIEVING, MASH & GRINDING ELEVATORS, SCHLAGEL EQUIPMENT	120.00 TON(S)/HR	4 /
2. CONVEYOR - RECEIVING, RECLAIM, GRINDING & TRANSFER CONVEYORS, SCHLAGEL EQUIPMENT	120.00 TON(S)/HR	5 /
3. CONVEYOR - MICRO SYSTEM & RECLAIM SCREW CONVEYORS, SCHLAGEL EQUIPMENT	75.00 TON(S)/HR	30 /
4. MIXER - 6 TON MIXER, SCOTT EQUIPMENT	120.00 TON(S)/HR	1 /
5. EQUIPMENT - DISTRIBUTOR, SCHLAGEL EQUIPMENT	120.00 TON(S)/HR	5 /
6. GRINDER - RMS ROLLER-GRINDER	50.00 TON(S)/HR	1 / 1
7. BIN - FEED INGREDIENT STORAGE, CW WELDING, 26-85 TONS	85.00 TON(S)	20 /
8. BIN - LOADOUT	30.00 TON(S)	6 /
9. STORAGE - FLAT STORAGE BUILDING, BUNGER STEEL/STANDARD STRUCTURES	2,500.00 TON(S)	1 /
10. BIN - MICRO SYSTEM & TOTE BINS	1.00 TON(S)	12 /
OTHER		
1. TANK, ABOVEGROUND STORAGE - GASOLINE	500.00 GALLON(S)	1 /
De Minimis Equipment:		
1. CREMATORY - SHENANDOAH A27 LP, PROPANE OR NATURAL GAS, NOT IN USE	90.00 LB(S)/HR	1 /